

DETAILED ACTION

- This action is responsive to the following communication: an amendment filed on 8/19/2009 and authorized examiner's amendment dated 10/27/2009.
- Claims 50-52, 54-73 are allowed; claims 1-49, 53, 74-92 have been canceled.

Response to Arguments

Applicant's arguments, see pages 9-10, filed 8/19/2009, with respect to claims 50, 51, 52, 54, 59 have been fully considered and are persuasive. The 35 U.S.C. 112, 2nd paragraph rejections of claims 50, 51, 52, 54, and 59 has been withdrawn.

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Douglas Hanscom on 10/27/2009.

Please amend the following claims:

50. (Currently Amended) A device for controlling a printing press, said printing press having at least one unit embodied as a material feeding device adapted to feed a material to be printed, at least one unit embodied as one of a printing unit and a printing group to print on said material received from said material feeding device and at least one unit embodied for further processing of said material printed on by said one of said printing unit and said printing group, said device comprising:

at least one separate control element for each one of said at least one unit embodied as a material feeding device, said one of said printing unit and said printing group and said at least one unit for further processing of said material;

a common control system assigned to a plurality of said separate control elements of said units, said common control system having a central data memory with an identifier space, in which up-to-date actual values and/or up-to-date command variables are stored in the form of process variables, said central data memory being connected to said plurality of said separate control elements by at least one communications layer embodied as one of a higher order process unit and a computing unit; and

wherein said central data memory has a memory area for said process variables, each of said process variables having a data structure that is designed with the use of a data set describing a projected installation for said printing press, and said central data memory is a data server that employs object management in accordance with an object model standard.

51. (Currently Amended) A device for controlling a printing press, said printing press having at least one unit embodied as a material feeding device adapted to feed a material to be printed, at least one unit embodied as one of a printing unit and a printing group to print on said material received from said material feeding device and at least one unit embodied for further processing of said material printed on by said one of the said printing unit and said printing group, said device comprising:

a common control system assigned to several ones of said at least one unit embodied as said material feeding device, said one of said printing unit and said printing group and said at least one unit for further processing of said material, and said control system having a central data memory with an identifier space, in which up-to-date actual values and/or up-to-date command variables are stored in the form of process variables;

a process unit or a computing unit designed as a communication server to which said central data memory is connected with a signal connection;

at least one lower-order process unit to which said communication server is connected, each of which is designed to server a network of defined type; and

at least one control element for one or more of said printing press units to which said at least one lower-order process units is connected.

Allowable Subject Matter

- Claims 50-52, 54-73 are allowed; renumbered as claims 1-23.
- The following is an examiner's statement of reasons for allowance:

---The cited prior arts (US 20040117399 to Dittmar et al; US 20040168150 to Ziv) of teach a device for controlling printing press, but fail to teach and/or suggest such device is having a common control system assigned to a plurality of said separate control elements of said units, said common control system having a central data memory with an identifier space, in which up-to-date actual values and/or up-to-date command variables are stored in the form of process variables, said central data memory being connected to said plurality of said separate control elements by at least one communications layer embodied as one of a higher order process unit and a computing unit; and wherein said central data memory has a memory area for said process variables, each of said process variables having a data structure that is designed with the use of a data set describing a projected installation for said printing press, and said central data memory is a data server that employs object management in accordance with an object model standard as recited in claim 50.

---The cited prior arts (US 20040117399 to Dittmar et al; US 20040168150 to Ziv) of teach a device for controlling printing press, but fail to teach and/or suggest such device is having a common control system assigned to several ones of said at least one unit embodied as said material feeding device, said one of said printing unit and said printing group and said at least one unit for further processing of said material, said control system having a central data memory with an identifier space, in which up-to-date actual values and/or up-to-date variables are stored in the form of process variables; and at least one lower-order process unit to which said communication server is connected, each of which is designed to serve a network of a defined type; and at least one control element for one or more of said printing press units to which said at least one lower-order process units is connected as recited in claim 51.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee.

Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to THIERRY L. PHAM whose telephone number is (571)272-7439. The examiner can normally be reached on M-F (9:30 AM - 6:00 PM).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward Coles can be reached on (571)272-7402. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Thierry L Pham/

Examiner, Art Unit 2625